



TROPICAL CYCLONE BULLETIN NO. 1

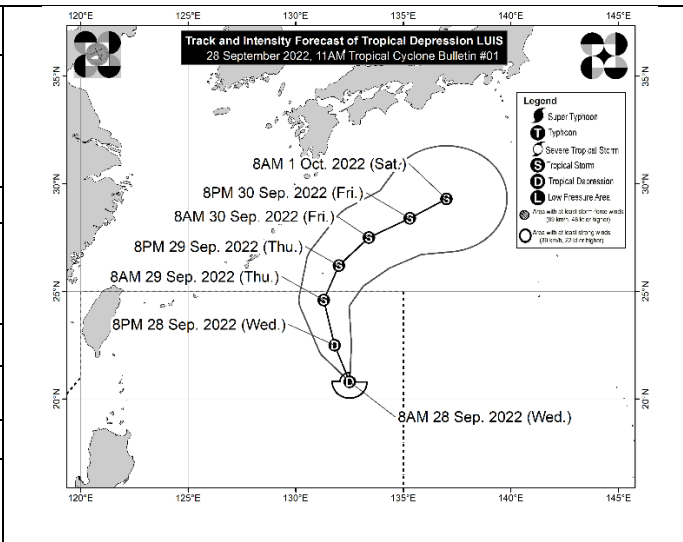
Tropical Depression LUIS

Issued at 11:00 AM, 28 September 2022

Valid for broadcast until the next bulletin at 5:00 PM today

THE LOW PRESSURE AREA EAST OF EXTREME NORTHERN LUZON DEVELOPS INTO TROPICAL DEPRESSION "LUIS"

Location of Center (10:00 AM)
The center of Tropical Depression "LUIS" was estimated based on all available data at 1,100 km East of Extreme Northern Luzon (21.2°N, 132.4°E)
Intensity
Maximum sustained winds of 55 km/h near the center, gustiness of up to 70 km/h , and central pressure of 1004 hPa
Present Movement
Northwestward at 25 km/h
Extent of Tropical Cyclone Winds
Strong winds extend outwards up to 90 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 28 September 2022	22.5	131.8	1,050 km East Northeast of Extreme Northern Luzon	55	TD	NNW 15
24-Hour Forecast 8:00 AM 29 September 2022	24.6	131.3	1,060 km East Northeast of Extreme Northern Luzon	65	TS	NNW 20
36-Hour Forecast 8:00 PM 29 September 2022	26.2	132.0	1,200 km East Northeast of Extreme Northern Luzon (Outside the PAR)	65	TS	NNE 15
48-Hour Forecast 8:00 AM 30 September 2022	27.5	133.4	1,390 km Northeast of Extreme Northern Luzon (Outside the PAR)	75	TS	NE 15
60-Hour Forecast 8:00 PM 30 September 2022	28.4	135.3	1,605 km Northeast of Extreme Northern Luzon (Outside the PAR)	75	TS	ENE 20
72-Hour Forecast 8:00 AM 01 October 2022	29.3	137.0	1,795 km Northeast of Extreme Northern Luzon (Outside the PAR)	75	TS	ENE 15

TROPICAL CYCLONE WIND SIGNALS IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- LUIS is unlikely to directly affect the weather condition in the country within the forecast period.
- In the next 24 hours, the Southwest Monsoon and the Low Pressure Area east of Mindanao will bring rains over the western section of Southern Luzon, Eastern and Western Visayas, and the eastern section of Mindanao. For more information, refer to **Weather Advisory #9** issued at 11:00 AM today and the **24-Hour Public Weather Forecast** issued at 4:00 AM today.

Severe Winds

The latest forecast scenario for LUIS shows that the hoisting of Tropical Cyclone Wind Signal over any land area in the country is unlikely.

HAZARDS AFFECTING COASTAL WATERS

The tropical depression is unlikely to directly affect the sea conditions over the coastal waters of the country.

TRACK AND INTENSITY OUTLOOK

- Tropical Depression LUIS is forecast to move north northwestward in the next 24 hours before turning generally northeastward tomorrow evening. On the forecast track, LUIS will exit the northern boundary of the Philippine Area of Responsibility tomorrow morning or early afternoon.
- The Low Pressure Area east of Extreme Northern Luzon developed into Tropical Depression LUIS at 8:00 AM today. This tropical cyclone is forecast to intensify into a tropical storm within the next 24 hours. Further intensification is likely while moving over the sea east of southern Ryukyu Islands.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA